

# Notice of Allowability

Application No.

10/694,029

Examiner

Amy J. Sterling

Applicant(s)


CHO ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/30/06 and 11/28/05 
2. ☒ The allowed claim(s) is/are 1,3,4,7-13,17-21,29-39 and 41.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 8/24/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

***Notice of Allowance***

This is the Notice of Allowance for application number 10/694,029 Display Apparatus, filed on 11/28/06. Claims 1,3,4,7-13,1-21,29-39 and 41 are allowed.

***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10/30/06 has been entered.

***Information Disclosure Statement***

The information disclosure statement (IDS) submitted on 8/24/06 and 10/30/06 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the rest of the information disclosure statement has been considered by the examiner.

***Reasons for Allowance***

The following is an examiner's statement of reasons for allowance:

The prior art does show that the pivoting hinge includes a first snap ring engaged to a tapered end part of the pivoting shaft forcing the support bracket toward the pivoting bracket with a force that is proportional to the taper of the tapered end of the shaft in combination with tilting hinge provided between the display body and the stand,

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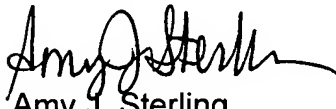
a pivoting hinge provided between the display body and the tilting hinge and a swiveling hinge provided between the tilting hinge and the stand and a body bracket detachably engaged to a rear of the display body and engaged with the pivoting bracket. The prior art also does not show a ball flange located eccentrically from a pivoting axis of the pivoting support bracket and the pivoting bracket having a ball guide part in the shape of a circular arc having a predetermined angle, recessed from a surface of the pivoting bracket, wherein the location of the ball guide part corresponds to the ball flange. The prior art also does not teach a coil spring which pushes a ball of the ball guide toward the ball guide part using an elastic force or a second snap ring engaged to a tapered end part of the swiveling shaft, with a that is proportional to the taper part of the shaft and a snap ring for the tilting bracket with a snap ring accommodating part. The prior art also does not teach wherein there is a second snap ring engaged to an end part of the swiveling shaft, wherein the end part of the swiveling shaft is a taper part, wherein the second snap ring engages the swiveling shaft at the taper part, and the second snap ring bears on the swiveling bracket and forces the swiveling bracket toward the swiveling support bracket with a force that is proportional to a taper of the taper part.

### ***Conclusion***

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance." Any inquiry concerning this communication

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should be directed to Amy J. Sterling at telephone number 571-272-6823. The fax machine number for the -Technology center is 571-273-8300 (formal amendments) or 571-273-6823 (informal amendments/communications). Any inquiry of a general - nature or relating to the status of this application should be directed to the Technology Center receptionist at 571-272-3600.

A handwritten signature in black ink, appearing to read "Amy J. Sterling", with a stylized, cursive script.

Amy J. Sterling  
Primary Examiner  
12/28/06